

IN THE SPECIFICATION:

Please amend the paragraph bridging pages 10-11 of the originally filed application and which corresponds to paragraph [0038] of the published patent application, as follows:

[0038] ~~FIG. 1 shows the~~ FIG. 1A shows a longitudinal section view of a cylindrical roller bearing while FIG. 1B shows a front view of a cylindrical roller bearing 9 to be disposed on the rear side. ~~This~~ The cylindrical roller bearing comprises an inner ring 10 having a raceway surface 12 in the outer periphery, an outer ring 20 having a raceway surface 22 in the inner periphery, a plurality of cylindrical rollers 30 rollably disposed between the raceway surface 12 of the inner ring 10 and the raceway surface 22 of the outer ring 20, and a resin cage 40 for holding the cylindrical rollers 30 at predetermined circumferential intervals. The inner ring 10 has ribs 14 on opposite sides.

Please amend the paragraph on page 18, lines 4-20, which corresponds to paragraph [0050] of the published patent application, as follows:

[0050] As shown in FIG. 9, the cylindrical roller bearing 9 of this embodiment has its inner ring 10 fitted on the outer periphery of the main shaft 6 and its outer ring 20 fitted in the inner periphery of the housing 7. The radial inner clearance during operation is set, for example, to a negative clearance, and the interior of the bearing is lubricated by a lubrication system, such as air oil lubrication, oil mist lubrication, jet lubrication, or grease lubrication. When the main shaft 6 is driven for rotation at high speed by ~~he~~ the motor 5 housed in the main shaft device, the main shaft 6 is supported for rotation

relative to the housing 7 by the angular ball bearing 8 on the front side and the cylindrical roller bearing 9 on the rear side. Further, when the main shaft 6 is axially thermally expanded due to temperature rise during operation, the amount of axial expansion is absorbed or relieved by slide displacement between the outer ring 20 and the cylindrical rollers 30 of the cylindrical roller bearing 9.